

IN THE CLAIMS:

Please cancel claims 2 and 8 without prejudice or disclaimer, and amend claims 1 and 7 as follows:

1. (Currently Amended) A sheet for covering a substrate comprising at least one hydrophilic surface region containing a sample biopolymer solution having exclusively freely mobile sample biopolymers therein and a hydrophobic surface region surrounding the hydrophilic region,

wherein the substrate is fixed with at least one probe biopolymer to hybridize with the freely mobile sample biopolymers in the sample biopolymer solution when the hydrophilic surface region contacting a probe-biopolymer-fixed region of the substrate,

the hydrophilic surface region is hollow to provide a hollowed region lower than the hydrophobic surface region, and the hollowed region faces towards the probe-biopolymer-fixed region when the sheet and the probe-biopolymer-fixed substrate are arranged in layers, and

dimensions of the sheet correspond to dimensions of the substrate such that the sheet is adhered to or peeled off from the substrate as needed.

- 2-3. (Cancelled)

4. (Previously Presented) A sheet according to claim 1, wherein the sheet is made of a material that has affinity with the substrate.
5. (Previously Presented) A sheet according to claim 4, wherein the sheet is made of silicone rubber.
6. (Previously Presented) A sheet according to claim 1, wherein the sheet is larger than the substrate.
7. (Currently Amended) A hybridization device, comprising a substrate fixed with at least one biopolymer in a probe-biopolymer-fixed region and a sheet for covering a substrate, said sheet having at least one hydrophilic surface region containing a sample biopolymer solution therein and a hydrophobic surface region surrounding the hydrophilic region,

wherein said probe biopolymer hybridizes with the sample biopolymer when the hydrophilic surface region contacting the probe-biopolymer-fixed region, the hydrophilic surface region is hollow to provide a hollowed region lower than the hydrophobic surface region, and the hollowed region faces towards the probe-biopolymer-fixed region when the sheet and the probe-biopolymer-fixed substrate are arranged in layers, and dimensions of the sheet correspond to dimensions of the substrate such that the sheet is adhered to or peeled off from the substrate as needed.

8. (Previously Presented) A hybridization device according to claim 7, wherein the hydrophilic surface region is hollow to provide a hollowed region lower than the hydrophobic surface region.
9. (Previously Presented) A hybridization device according to claim 7, wherein the sheet is made of a material that has affinity with the substrate.
10. (Previously Presented) A hybridization device according to claim 9, wherein the sheet is made of silicone rubber.
11. (Previously Presented) A hybridization device according to claim 7, wherein the sheet is larger than the substrate.